QC

Quality Control

Page 1

February 9, 2010 3:38:33 PM D3655-1 Accept Item ID: Setup Start **Revision ID:** Stop **PANEL Item Name:** Start Qty: 2.00 2/09/10 **Start Date: Cust Item ID:** Required Date: 2/19/10 Req'd Qty: 2.00 **Customer:** Reference: Run Start Date:// Tooling: Date: Approvals: Stop QC: Date: SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Reject Reject Draw Draw Plan Accept Insp. Work Center ID Number Qty Description **Run Hours** Rev. Code Qty Number Stamp **Draw Nbr Revision Nbr** D3655 Rev B 100 0.00 FLOW WATER JET 11-6-01 28 0.00 Waterjet Memo 1-Cut as per Dwg D3655 □Dwg Rev: □Prog Rev: \ □2-FLOW CNC Waterjet Deburr if necessary QC2- Inspect parts off machine FAI/FAIB 0.00 110 HB 10-2-11 0.00 QC Memo Quality Control 0.00 120 QC8- Inspect parts - second check

0.00

Memo

| Dart Aerospace Ltd | Dart | Aeros | pace | Ltd |
|--------------------|------|--------------|------|-----|
|--------------------|------|--------------|------|-----|

| W/O: | | | W | ORK ORDER CHANG | GES | | | | |
|---------|------|--------------------------|----------------------|------------------------------|----------------------|--------------|-----------|-------------------------------|--------------------------|
| DATE | STEP | PRO | OCEDURE CH | ANGE | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | ļ | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Part No | • | PAR #: | Fault Cat | egory: | NCR: Yes | No DQ | A: | Date: | |
| | | Resolution: Disposition: | | | | | | | |
| NCR: | | \ | WORK ORE | DER NON-CONFORM | ANCE (NCR |) | | | |
| DATE | STEP | Description of NC | on of NC | | Section B ion Sign & | | ation | Approval | Approval |
| | | Section A | Initial Chief Eng | Action Description Chief Eng | Sign & Date | Secti | on C | Chief Eng | QC Inspector |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

February 9, 2010 3:38:33 PM



Page 2

Item ID:

D3655-1

Accept



Setup Start



Revision ID:

Item Name: **Start Date:**

PANEL

2/09/10

Start Qty: 2.00

Req'd Oty: 2.00



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start

Stop

Stop

Required Date: 2/19/10

OC:

Date:

SPC (Y/N):

Set Up/

Date:

Draw

Number

Draw

Rev.

Plan Accept

Code

Qty

Reject Qty

Reject Number

Insp. Stamp

Sequence ID/ **Work Center ID**

130

Packaging Packaging

Description

Operation

Identify as per dwg & Stock Location:

Memo

Run Hours 0.00

0.00

140

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

10/02/11 PX

| W/O: | | | WO | RK ORDER CHANGE | S | ··· | | | |
|---------|--------------------------|-------------------|----------------------|------------------------------|-----------------------|-------------------------|-----|-------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | | | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Part No | • | PAR #: | Fault Categ | ory: | NCR: Yes | No DQ | A: | Date: _ | |
| | Resolution: Disposition: | | | | QA: N/C Closed: Date: | | | | |
| NCR: | | , | WORK ORDE | R NON-CONFORMA | NCE (NCR |) | | | |
| DATE | STEP | Description of NC | | Corrective Action Section | | Verification Approval | | | Approval |
| | O.L. | Section A | Initial Chief Eng | Action Description Chief Eng | Sign & Date | Secti | | Approval Chief Eng | QC Inspector |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | , |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Picklist Print

* February 9, 2010 3:38:38 PM

Work Order ID: 56080

Parent Item:

D3655-1

Parent Item Name:

PANEL

Ext. Rev. A 07/12/13 **Comments:**

IPP Rev:B IPP Rev:C

08-03-06 prototype DD verified by:EC

08-04-07 revA

Purchased

IPP Rev. D 08/08/16 Dwg. Update. DL

No

DD verified by:EC

100

sf

211.4885 7.4455

Start Date: 2/09/10

Start Qty: 2.00

11-6-01 81

Required Date: 2/19/10

Required Qty: 2.00

MLEXS.093-F6006-07

GE PLASTICS LEXAN SHEET

| Warehouse | Loc Qty | Loc Code | | |
|----------------|-------------|----------|------|-----|
| Location | | | | |
| Main Warehouse | | | | |
| MAT | 211.4884526 | | | (3) |
| 107574 | 16.62 | | | 0 |
| 111973 | 180.609853 | | | |
| 112176 | 14.2586 | | 1176 | |

Page 1

| Dart Aerospa | ace Ltd |
|--------------|---------|
|--------------|---------|

| W/O: | | | W | ORK ORDER C | HANGES | | | *** | | |
|---------|------|--------------------------------|-------------------|-------------|--------|-----------|------------------|----------------|-------------------------------|--------------------------|
| DATE | STEP | PRO | CEDURE CH | ANGE | | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Part No | | PAR #: | | | | | | | | |
| | Re | esolution: | Disposition | on: | Q/ | A: N/C CI | osed: | | Date: _ | |
| NCR: | | V | VORK ORD | ER NON-CONF | ORMANC | E (NCF | R) | | | - |
| DATE | STEP | Description of NC Section A | Initial Chief Eng | | | Sign & | Verific Secti | cation on C | Approval Chief Eng | Approval QC Inspector |
| | | - | Jimor Eng | Ones En | | Date | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

| DART AEROSPACE LTD | Work Order: | 54080 |
|------------------------------|--------------|-------------|
| Description: Panel | Part Number: | D3655-1 |
| Inspection Dwg: D3655 Rev: B | | Page 1 of 1 |

FIRST ARTICLE INSPECTION CHECKLIST

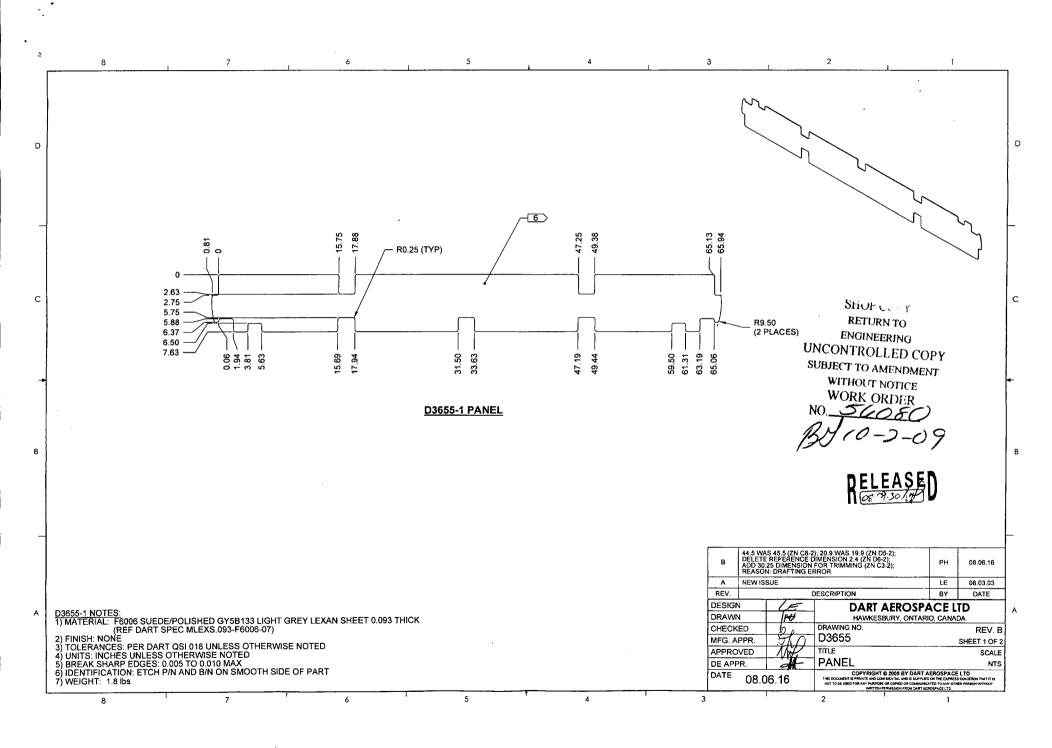
| | L | X First Ar | ticle | Prot | otype |
|-----------|-----------|------------|--------|--------|--------|
| Drawing | Tolerance | Actual | Accept | Reject | Metho |
| Dimension | loiciance | Dimension | Accept | Kejeci | Inspec |

| Drawing | Tolerance | Actual | Accept | Reject | Method of | Comments |
|-----------|-----------|-----------|------------|--------|------------|----------------|
| Dimension | Tolerance | Dimension | Accept | Reject | Inspection | Comments |
| 1.94 | +/-0.030 | 1.94 | * | | | |
| 3.81 | +/-0.030 | 3.81 | * | | | |
| 5.63 | +/-0.030 | 2,63 | 8 | | | |
| 15.69 | +/-0.030 | 15169 | 7 | | | |
| 15.75 | +/-0.030 | 15.78 | X 0 | | | 115 |
| 17.88 | +/-0.030 | 17.89 | X | | | |
| 17.94 | +/-0.030 | 17,94 | X | | | ., |
| 31.50 | +/-0.030 | 31.50 | 8 | | | |
| 33.63 | +/-0.030 | 3363 | * | | | |
| 47.25 | +/-0.030 | 47.24 | * | | | |
| 47.19 | +/-0.030 | 47.19 | X | | | |
| 49.38 | +/-0.030 | 49-38 | ¥ | | | |
| 49.44 | +/-0.030 | 49.41 | * | | | |
| 59.50 | +/-0.030 | 59.00 | * | | | |
| 61.31 | +/-0.030 | 61.31 | X | | | · |
| 63.19 | +/-0.030 | 6319 | 14 | | | |
| 65.06 | +/-0.030 | 65 Ob | 4 | | | |
| 65.13 | +/-0.030 | 65.13 | | | | • |
| 65.94 | +/-0.030 | 65.94 | × | | | |
| 2.75 | +/-0.030 | かいよ | * | | | |
| 5.75 | +/-0.030 | 575 | 8 | | | |
| 5.88 | +/-0.030 | 5,88 | * | | | 4, * 40, |
| 7.63 | +/-0.030 | 7.63 | à | | | r is installed |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

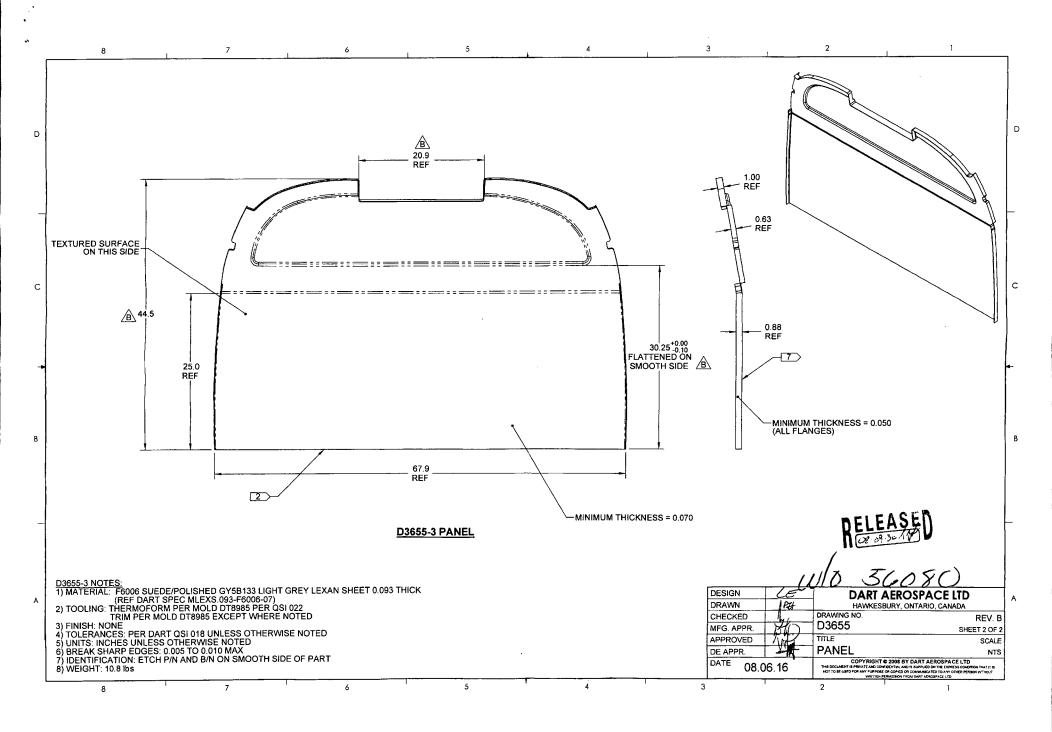
| Measured by: 🔒 | Audited by: | Prototype Approval: | N/A |
|----------------|----------------|---------------------|-----|
| Date: 10-3-11 | Date: wolar 16 | Date: | N/A |

| Rev | Date | Change | Revised by | / A | pproved |
|-----|----------|----------------------------------|------------|---------|---------|
| Α | 08.04.17 | New Issue | KJ/DD | 3 | A L |
| В | 09.09.15 | Dimensions updated per Dwg Rev B | KJ 🚧 | | KA . |
| | | | | <i></i> | 7 |

| W/O: | | | W | ORK ORDER CHANGI | ES | | | • |
|---------|------|-------------------|----------------------|------------------------------|----------------|--------------|-------------------------------|--------------------------|
| DATE | STEP | PRO | OCEDURE CHA | NGE | Ву | Date Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | ٠ | | | | | |
| | | | | | | | | |
| Part No | • | PAR #: | Fault Cate | gory: | NCR: Yes | No DQA: | Date: | |
| | Re | esolution: | Dispositio | n: | QA: N/C Clo | sed: | Date: _ | |
| NCR: | | | WORK ORD | ER NON-CONFORMA | NCE (NCR) | | | |
| DATE | STEP | Description of NC | | Corrective Action Section | | Verification | Approval | Approvai |
| | 0.2. | Section A | Initial Chief Eng | Action Description Chief Eng | Sign & Date | Section C | Chief Eng | QC Inspector |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| · | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |



| W/O: | | WORK ORDER CHANGES | | | | | | | | | | |
|---------|------|--------------------------------|---|------------------------------|-----------|---------|-----------------|-------------------------------|--------------------------|--|--|--|
| DATE | STEP | PROCEDURE CHANGE | | | | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Part No | : | PAR #: | Fault Ca | tegory: | NCR: Yes | No DQ | ⊥ \ : | Date: | | | | |
| | | esolution: | | | | | | | | | | |
| NCR: | | | WORK OR | DER NON-CONFORMA | ANCE (NCI | ₹) | | | ···· | | | |
| DATE | STEP | Description of NC Section A | Corrective Action Sect Initial Action Description | | on B | Verific | | Approval | Approval | | | |
| | | | Chief Eng | Action Description Chief Eng | Date | | Section C | Chief Eng | QC Inspector | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |



| W/O: | | WORK ORDER CHANGES | | | | | | | | | | |
|----------|------|---|---------------------------|------------------------------|--------------|------------------------|--------|-------------------------------------|--------------------------|--|--|--|
| DATE | STEP | PROCEDURE CHANGE | | | | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Part No: | | PAR #: | Fault Cate | egory: | _ NCR: Yes | NCR: Yes No DQA: Date: | | | | | | |
| | | solution: | | | | | | | | | | |
| NCR: | | , | WORK ORD | ER NON-CONFORMA | ANCE (NC | ₹) | | · | | | | |
| DATE | STED | Description of NC Section A | Corrective Action Section | | | Verific | cation | Approval | Approval | | | |
| | STEP | | Initial Chief Eng | Action Description Chief Eng | Sign of Date | Secti | on C | Chief Eng | QC Inspector | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | 1 10 11 14 14 14 14 14 14 14 14 14 14 14 14 | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |